

Focus Area 15: Injury and Violence Prevention

Objective 15-27 targets an overall reduction in the fall-related death rate to 3.0 per 100,000 population.

California's age-adjusted death rates for fall-related deaths increased significantly from 4.2 per 100,000 population in 2000 to 4.8 per 100,000 in 2004 (Figure 15-27, Table 15-27). California's fall-related death rates are significantly higher than the HP2010 objective of 3.0 per 100,000 population, and are moving away from the target.

Age-adjusted fall-related death rates for males (6.6 per 100,000 in 2004) were significantly higher than those for females (3.5 per 100,000 in 2004), with no significant trends found. The HP2010 objective is not being achieved for either males or females as of 2004.

Data by race and ethnicity show that Whites experienced significantly higher age-adjusted fall-related death rates than any other racial or ethnic population with reliable rates (5.5 per 100,000 in 2004). The next highest rates were found for Hispanics/Latinos (3.9 per 100,000 in 2004), African Americans/Blacks (3.7 per 100,000 in 2004), and Asians (3.6 per 100,000 in 2004). This objective is not being achieved for any of these racial and ethnic groups as of 2004, and rates were found to be significantly increasing for the Asian population. Fall-related death rates for the American Indian/Alaska Native, Pacific Islander, and the "Multirace" populations were unreliable due to the small number of events and are not reported here, with the exception of zero events reported for Pacific Islanders during 2001 and 2002.

For more information on fall-related injuries in California, visit the Chronic Disease and Injury Control (CDIC) Web site at:

<http://www.dhs.ca.gov/ps/cdic/>

And the Epidemiology and Prevention for Injury Control (EPIC) site at:

<http://www.dhs.ca.gov/epic/>

For more information on Healthy People 2010 objective 15-27, please visit:

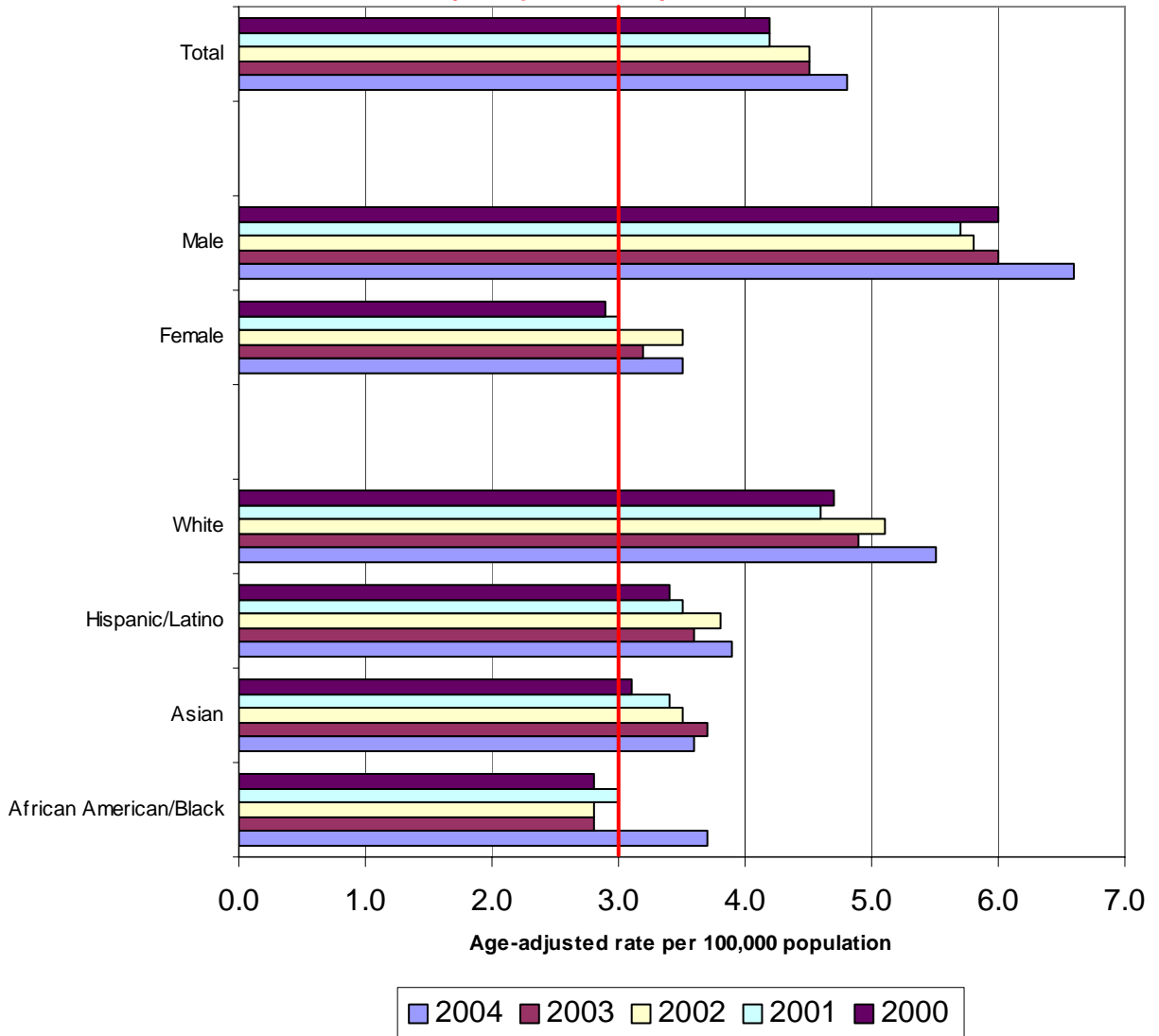
<http://www.healthypeople.gov/Document/HTML/Volume2/15Injury.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od15.htm>

Figure 15-27
Fall-Related Death Rates
California, 2000-2004

Healthy People 2010 Objective = 3.0



**Table 15-27: Fall-Related Deaths and Death Rates
California, 2000-2004**

Objective 15-27	2000		Lower 95% C.I.	Upper 95% C.I.	2001		Lower 95% C.I.	Upper 95% C.I.
	N	Rate ¹			N	Rate ¹		
Healthy People 2010 Target		3.0				3.0		
Statewide Total	1,251	4.2	4.0	4.5	1,299	4.2	4.0	4.4
Race-Ethnicity								
African American/Black	45	2.8	1.9	3.6	53	3.0	2.2	3.9
American Indian/Alaska Native	6	DSU	-----	-----	4	DSU	-----	-----
Asian	82	3.1	2.4	3.8	100	3.4	2.8	4.1
Hispanic/Latino	164	3.4	2.8	4.0	186	3.5	2.9	4.1
Pacific Islander	1	DSU	-----	-----	0	0.0	0.0	0.0
White	948	4.7	4.4	5.0	954	4.6	4.3	4.8
Multirace	5	DSU	-----	-----	1	DSU	-----	-----
Gender								
Female	508	2.9	2.6	3.1	558	3.0	2.8	3.3
Male	743	6.0	5.6	6.5	741	5.7	5.2	6.1

Objective 15-27	2002		Lower 95% C.I.	Upper 95% C.I.	2003		Lower 95% C.I.	Upper 95% C.I.
	N	Rate ¹			N	Rate ¹		
Healthy People 2010 Target		3.0				3.0		
Statewide Total	1,472	4.5	4.3	4.8	1,501	4.5	4.2	4.7
Race-Ethnicity								
African American/Black	51	2.8	2.0	3.6	54	2.8	2.0	3.6
American Indian/Alaska Native	6	DSU	-----	-----	5	DSU	-----	-----
Asian	109	3.5	2.8	4.1	125	3.7	3.0	4.3
Hispanic/Latino	204	3.8	3.2	4.4	220	3.6	3.1	4.2
Pacific Islander	0	0.0	0.0	0.0	1	DSU	-----	-----
White	1,101	5.1	4.8	5.4	1,091	4.9	4.6	5.2
Multirace	1	DSU	-----	-----	4	DSU	-----	-----
Gender								
Female	675	3.5	3.2	3.8	643	3.2	3.0	3.5
Male	797	5.8	5.4	6.2	858	6.0	5.6	6.4

Objective 15-27	2004		Lower 95% C.I.	Upper 95% C.I.	5-year Trend	HP2010 Objective Being Achieved?
	N	Rate ¹				
Healthy People 2010 Target		3.0				
Statewide Total	1,640	4.8	4.6	5.1	Sig. +	No
Race-Ethnicity						
African American/Black	68	3.7	2.8	4.6	ns	No
American Indian/Alaska Native	5	DSU	-----	-----	n/a	Unk
Asian	130	3.6	3.0	4.3	Sig. +	No
Hispanic/Latino	227	3.9	3.3	4.4	ns	No
Pacific Islander	4	DSU	-----	-----	n/a	Unk
White	1,200	5.5	5.2	5.8	ns	No
Multirace	3	DSU	-----	-----	n/a	Unk
Gender						
Female	694	3.5	3.2	3.7	ns	No
Male	946	6.6	6.1	7.0	ns	No

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Fall-related deaths defined by ICD-10 codes W00-W19.

¹ Rate per 100,000 population, age-adjusted using the 2000 US population standard.

Sig. + Statistically significant increase in age-adjusted death rates from 2000 to 2004.

ns No significant trend as measured by linear regression analysis; n/a Not applicable (fewer than five data points)

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).